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PATENTS TRADEMARKS  
ATTORNEY and APPOINTMENT OF  
NEW POWER OF ATTORNEY

Application Number	09/833,367
Filing Date	4/12/2001
First Named Inventor	CLAXTON
Art Unit	2681
Examiner Name	
Attorney Docket Number	12-1147 / 20T-025

I hereby revoke all previous powers of attorney given in the above-identified application:

 A Power of Attorney is submitted herewith.

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OR

Technology Center 2600

 I hereby appoint the practitioners at Customer Number:  Please change the correspondence address for the above-identified application to: The address associated with Customer Number: 

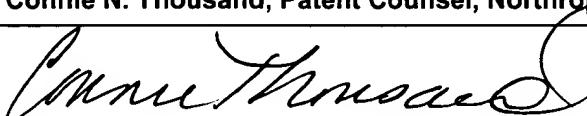
OR

 Firm or Individual Name Address Address City State Zip Country Telephone Fax 

I am the:

Applicant/Inventor.  
 Assignee of record of the entire interest. See 37 CFR 3.71.

## SIGNATURE of Applicant or Assignee of Record

Name **Connie N. Thousand, Patent Counsel, Northrop Grumman Corporation**Signature Date **3-9-04**

Telephone

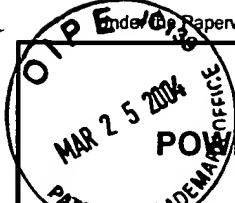
**310-813-1550**

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

 \*Total of \_\_\_\_\_ forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	09/833,367
Filing Date	4/12/2001
First Named Inventor	CLAXTON
Title	TIME-MULTIPLEXED MULTI-CARRIER TRANSMITTER
Art Unit	2681
Examiner Name	
Attorney Dkt Number	12-1147 / 20T-025

I hereby appoint:

 Practitioners at Customer Number:

23400

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OR

 Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

 The above-mentioned Customer Number:

OR

 The address associated with Customer Number:

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<input type="checkbox"/>	Firm or Individual Name			
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Address				
City			State	Zip
Country				
Telephone			Fax	

I am the:

 Applicant/Inventor Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).**SIGNATURE of Applicant or Assignee of Record**

Name	Connie N. Thousand, Patent Counsel, Northrop Grumman Corporation		
Signature			
Date	3-9-04	Telephone	310-813-1550

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

 \*Total of \_\_\_\_\_ forms are submitted.

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**STATEMENT UNDER 37 CFR 3.73(b)**

12-1147 / 20T-025

Applicant/Patent Owner: **Northrop Grumman Corporation**Application No./Patent No. **09/833,367** Filed/Issue Date: **4/12/2001**Entitled: **TIME-MULTIPLEXED MULTI-CARRIER TRANSMITTER**

**Northrop Grumman Corporation**, a **Corporation**,  
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of less than the entire right, title and interest.

The extent (by, percentage) of its ownership interest is \_\_\_\_\_ %  
 in the patent application/patent identified above by virtue of either:

A.  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel frame \_\_\_\_\_, or for which a copy thereof is attached. **RECEIVED** MAR 26 2004

OR

B.  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Inventor(s) of the above patent application To: TRW Inc.  
 The document was recorded in the United States Patent and Trademark Office at Reel 011702, Frame 0362, or for which a copy thereof is attached.
2. From: TRW Inc. To: Northrop Grumman Corporation  
 The document was recorded in the United States Patent and Trademark Office at Reel 013751, Frame 0849, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.  
 [NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

3-9-04

Date

**310-813-1550**

Telephone Number

**Connie N. Thousand**

Typed or printed name

Signature

**Patent Counsel, Northrop Grumman Corporation**

Title